AMENDMENTS TO THE CLAIMS

1.   (Currently Amended) A method comprising:

~~a first node~~ recording a first node local time of receiving a wirelessly transmitted

packet <u>at a first node</u>, the first node local time recorded with a

monotonically increasing clock of the first node;

~~a second node~~ recording a second node local time of receiving the wirelessly

transmitted packet <u>at a second node</u>, the second node local time recorded

with a monotonically increasing clock of the second node<u>;</u>

~~the first node~~ wirelessly transmitting the <u>first node</u> recorded local time <u>by the first</u>

<u>node</u> to at least a second node;

~~the second~~ <u>receiving the first node recorded local time at the second node and</u>

<u>recording the first node local time of receiving the wirelessly transmitted</u>

<u>packet; and</u>

~~the second node updating~~ <u>synchronizing</u> a second node timing model ~~to~~

~~synchronize~~ with ~~the~~ <u>a</u> first node <u>timing model, and further synchronizing</u>

<u>the first and second node timing models with a global clock associated</u>

<u>with the first node and the second node,</u> ~~the updating based on the second~~

~~node local time of receiving the wirelessly transmitted packet and the first~~

~~node local time of receiving the wirelessly transmitted packet.~~

2.   (Currently Amended) The method of claim 1, wherein the wirelessly transmitted

packet ~~received by the first and second node is~~ <u>comprises</u> a beacon transmitted

from a wireless access point.

3.   (Currently Amended) The method of claim 1, further including:

synchronizing sample numbers of a multimedia stream on the second node with

~~the timing model of~~ the second node timing model, the ~~timing model of the~~

second node timing model having been synchronized with the first node.

4.   (Currently Amended) The method of claim 3, wherein the synchronization of

sample numbers in I/O operations is performed by time-stamping IRQs request

with ~~the~~ a global time according to the global clock.

5.   (Currently Amended) The method of claim 1, further including repeating the

method of claim 1 to generate an updated second node timing model to

synchronize with the first node timing model.

6.   (Cancelled)

7.   (Currently Amended) The method of claim ~~6~~ 1, further includes:

~~a third node~~ recording a third node local time of receiving the wirelessly

transmitted packet from the first node at a third node and recording the

first node local time of receiving the wirelessly transmitted packet; and

~~the third node~~ synchronizing ~~updating~~ a third node timing model ~~to synchronize~~

with the first node timing model and the second node timing model, and

further synchronizing the first, second and third node timing models with

the global clock associated with the first node, the second node, and the

third node, ~~the updating based on the third node local time of receiving the~~

~~wirelessly transmitted packet and the first node local time of receiving the~~

~~wirelessly transmitted packet~~.

8.   (Currently Amended) A machine-readable medium having stored thereon ~~a set~~

sets of instructions which when executed by a machine cause ~~a system~~ the

machine to ~~perform a method comprising of~~:

~~a first node recording~~ record a first node local time of receiving a wirelessly

transmitted packet at a first node, the first node local time recorded with a

monotonically increasing clock of the first node;

~~a second node recording~~ record a second node local time of receiving the

wirelessly transmitted packet at a second node, the second node local time

recorded with a monotonically increasing clock of the second node;

~~the first node~~ wirelessly ~~transmitting~~ transmit the first node recorded local time by

the first node to at least a second node;

~~the second~~ receive the first node recorded local time at the second node and

~~recording~~ record the first node local time of receiving the wirelessly

transmitted packet; and

~~the second node updating~~ synchronize a second node timing model ~~to synchronize~~

with ~~the~~ a first node timing model, and further synchronize the first and

second node timing models with a global clock associated with the first

node and the second node, ~~the updating based on the second node local~~

~~time of receiving the wirelessly transmitted packet and the first node local~~

~~time of receiving the wirelessly transmitted packet~~.

9.   (Currently Amended) The machine-readable medium of claim 8, wherein the

wirelessly transmitted packet ~~from received by the first node is~~ comprises a

beacon transmitted from a wireless access point.

10.   (Currently Amended) The machine-readable medium of claim 8, ~~further~~

~~including:~~ wherein the sets of instructions when executed further cause the machine to:

~~synchronizing~~ synchronize sample numbers of a multimedia stream on the second

        node with ~~the timing model of~~ the second node timing model, the ~~timing~~

        ~~model of the~~ second node timing model having been synchronized with

        the first node.

11.   (Currently Amended) The machine-readable medium of claim 10, wherein the

synchronization of sample numbers in I/O operations is performed by time-

stamping IRQs request with ~~the~~ a global time according to the global clock.

Claims 12-13 (Cancelled)

14.   (Currently Amended) The machine-readable medium of claim ~~13~~ 8, ~~further~~

~~includes:~~ wherein the sets of instructions when executed further cause the machine to:

~~a third node recording~~ record a third node local time of receiving the wirelessly

transmitted packet from the first node at a third node and recording the

first node local time of receiving the wirelessly transmitted packet; and

~~the third node updating~~ synchronize a third node timing model ~~to synchronize~~

with the first node timing model and the second node timing model, and

further synchronize the first, second and third node timing models with the

global clock associated with the first node, the second node, and the third

node~~, the updating based on the third node local time of receiving the~~

~~wirelessly transmitted packet and the first node local time of receiving the~~

~~wirelessly transmitted packet~~.

15.   (Currently Amended) A system comprising:

~~a processor;~~

~~a wireless network interface coupled to the processor; and~~

~~a machine readable medium having stored thereon a set of instructions which~~

~~when executed cause the system to perform a method comprising of:~~

a first node ~~recording~~ to record a first node local time of receiving

a wirelessly transmitted packet, the first node local time

recorded with a monotonically increasing clock of the first

node;

a second node ~~recording~~ to record a second node local time of

receiving the wirelessly transmitted packet at the second

node, the second node local time recorded with a

monotonically increasing clock of the second node;

the first node to wirelessly ~~transmitting~~ transmit the first node

recorded local time to at least a second node;

the second to receive the first node recorded local time and

~~recording~~ record the first node local time of receiving the

wirelessly transmitted packet; and

the second node ~~updating~~ to synchronize a second node timing

model ~~to synchronize~~ with ~~the~~ a first node timing model,

and synchronize the first and second node timing models

with a global clock associated with the first node and the

second node~~, the updating based on the second node local~~

~~time of receiving the wirelessly transmitted packet and the~~

~~first node local time of receiving the wirelessly transmitted~~

~~packet~~.

16.   (Currently Amended) The system of claim 15, wherein the wirelessly transmitted

packet ~~from received by the first node is~~ comprises a beacon transmitted from a

wireless access point.

17.   (Currently Amended) The system of claim 15, ~~further including:~~ wherein the

second node is further to:

~~synchronizing~~ synchronize sample numbers of a multimedia stream on the second

node with ~~the timing model of~~ the second node timing model, the ~~timing model of~~

the second node timing model having been synchronized with the first node.

18. (Currently Amended) The system of claim 17, wherein the synchronization of sample numbers in I/O operations is performed by time-stamping IRQs request with ~~the~~ a global time according to the global clock.

Claim 19-20 (Cancelled)

21. (Currently Amended) The system of claim ~~20~~ 15, further includes:

a third node ~~recording~~ to record a third node local time of receiving the wirelessly transmitted packet from the first node and ~~recording~~ record the first node local time of receiving the wirelessly transmitted packet; and

the third node ~~updating~~ to synchronize a third node timing model ~~to synchronize~~ with the first node timing model and the second node timing model, and further to synchronize the first, second, and third node timing models with the global clock associated with the first node, the second node, and the third node, ~~the updating based on the third node local time of receiving the wirelessly transmitted packet and the first node local time of receiving the wirelessly transmitted packet~~.